

**REMARKS**

Claims 31, 32, and 35-37 are presently pending. In the previous Office Action of May 19, 2003, Claims 31, 32, and 35-37 were rejected.

Claim 31 has been amended.

Applicants respectfully request reconsideration in view of the foregoing amendments and the following remarks.

**AMENDMENT TO CLAIMS 31**

Claim 31 has been amended to set forth "a Gray code multiplexer for selecting a particular one of the one or more oscillator signals based on a Gray Code, said Gray code multiplexer further comprising:

a first multiplexer receiving two of the one or more oscillator signals, wherein the two of the one or more oscillator signals have approximately a 180 degree phase shift with respect to each other; and

a second multiplexer receiving another two of the one or more oscillator signals, wherein the another two of the one or more oscillator signals have approximately a 180 degree phase shift with respect to each other."

**CLAIM 31 IS NOW ALLOWABLE**

Claim 31 was rejected over the combination of Kozu in view of Ghoshal and Percey. However, in view of the foregoing amendment, Applicants respectfully submit that claim 31 is now allowable.

Examiner has indicated that neither Kozu or Ghoshal teach "multiplexer selects the particular one of the one or more oscillator signals based on a Gray code". Applicants respectfully submit that Percey does not teach or fairly suggest a "Gray code multiplexer ..., comprising: a first multiplexer receiving two ... oscillator signals, wherein the two ... oscillator signals have approximately a 180 degree phase shift; and a second multiplexer receiving another two ... oscillator signals, wherein the another two ... oscillator signals have approximately a 180 degree phase shift."

Accordingly, Applicants respectfully request Examiner withdraw the rejection to claim 31. Because claims 32, 35, 36, and 37 are allowable, Applicants request Examiner withdraw the rejection to these claims as well.

**CONCLUSION**

For the foregoing reasons, each of the pending claims 31, 32, 35, 36, and 37 are allowable. Therefore, the application

is in a condition for allowance and a notice of allowance is hereby requested.

RESPECTFULLY SUBMITTED

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